

We claims,

1 - New disposable device for ligation of bleeding Esophageal varices charctreized in that it consists of three main cylindrical parts.

2 - New disposable device for ligation of bleeding Esophageal varices according to claim 1 wherein the first part is a cylinder characterized in that the first two thirds of this cylinder is threaded . The last third of the cylinder is not threaded and covered by another cylinder. Both cylinders having equal length , however, one of them is bigger in diameter. Cylinders are integrated completely except for the position of the three grooves .

3 - New disposable device for ligation of bleeding Esophageal varices according to claim 2 wherein Threads are circumscription and have a right angled triangle cross section wherein the altitude of the said triangle upwardly positioned. Distances and dimensions of all threads are identical.

4 - New disposable device for ligation of bleeding Esophageal varices according to claim 2 wherein threads are cut longitudinal by three identical equally spaced grooves in the form of passageways allowing tongues to pass through.

5 - New disposable device for ligation of bleeding Esophageal varices according to claim 1 wherein the second part consists of a base cylinder having three arms emerging therefrom . The arms having threads which are identical in all respects with threads of the first part of the device, and having unthreaded part connecting the threaded arms

with the base cylinder. Within the unthreaded part of the arm , there is a special spring which is used to trigger the arms upwardly and return it back after triggering.

6 - New disposable device for ligation of bleeding Esophageal varices according to claim 5 wherein threads are identical in all respects with threads of the first part of the device.

7 - New disposable device for ligation of bleeding Esophageal varices according to claim 1 the third part of the device consists of two uni-center cylinders one having bigger diameter than the other creating a space in between. There is a micro long tube connected to the said space from one side and connected to pressure source from the other side.

8 - New disposable device for ligation of bleeding Esophageal varices wherein it can be loaded with a number of rubber bands amounting to 6 or more.

9 - New disposable device for ligation of bleeding Esophageal varices characterized in that one rubber band only can be released each time the device is triggered.

10 - New disposable device for ligation of bleeding Esophageal varices wherein the mechanism of releasing the rubber band depend on a slight pressure created either by air or distilled water.

11 - New disposable device for ligation of bleeding Esophageal varices according to claim 10 wherein the pressure source used can be medical syreinge.

12 - New disposable device for ligation of bleeding Esophageal varices substantially as described hereinbefore with reference to the accompanying drawings.